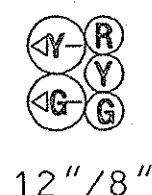


MD 65 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

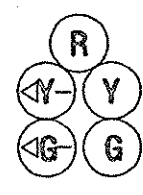
#### EXISTING SIGNALS

1,4,7,10



12"/8"

2,5,8,11



12"

3,6,9,12, 13-20



12"



12"

#### EXISTING SIGNS

21-24

Oak Ridge Drive

25



26



27-29



d, b, c

EXISTING VIDEO  
DETECTION CAMERA

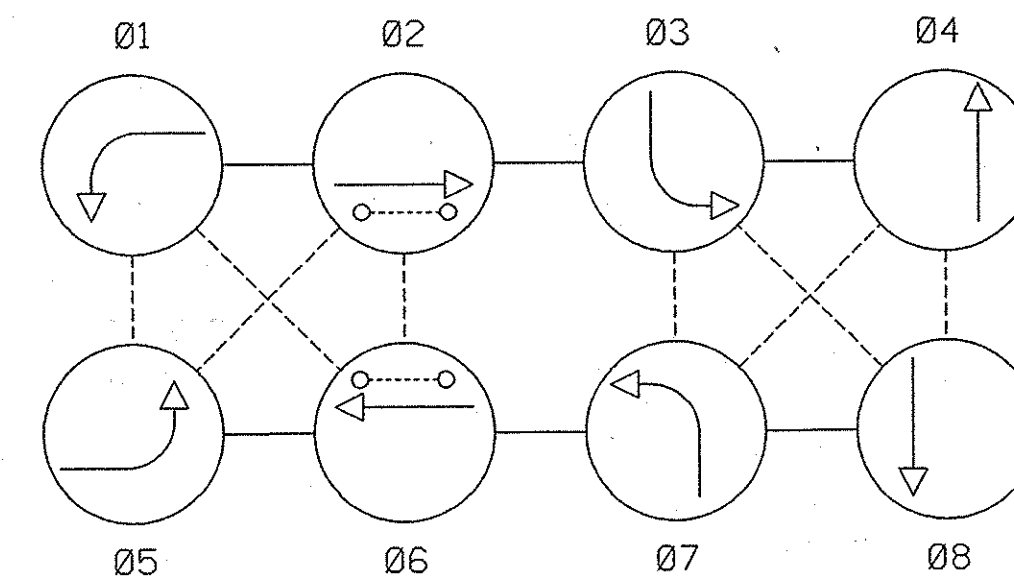
e, f

EXISTING OPTICOM  
DETECTOR EYE

PROPOSED VIDEO  
DETECTION CAMERA

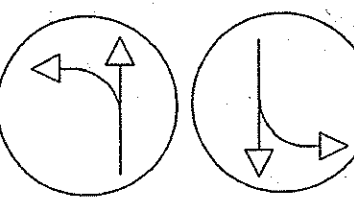
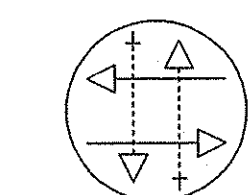


#### NEMA PHASING



04+08 ALT

FLASHING  
OPERATION



EMERGENCY  
PRE-EMPTION

NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

#### GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

#### CONSTRUCTION DETAILS

- A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT)
- B. USE EXISTING MAST ARM POLE.
- C. USE EXISTING MAST ARM. INSTALL VIDEO DETECTION CAMERA MOUNTED ON MAST ARM.
- D. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN (TO BE PLACED IN THRU LANE ONLY).
- E. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE)
- F. USE EXISTING HANDHOLE.
- G. USE EXISTING CONDUIT.
- H. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- J. USE EXISTING MAST ARM POLE. ADJUST VIDEO DETECTION CAMERAS TO ENSURE PROPER STOPLINE AND SAMPLING DETECTION.



Whitman, Requardt and Associates, LLP  
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STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 65 (POTOMAC STREET)  
AT OAK RIDGE DRIVE



#### TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE JULY 12, 1992 CONTRACT NO. W-565X-675

DESIGNED BY L.TOWNSEND/CDD COUNTY Washington

DRAWN BY L.TOWNSEND/CDD LOGMILE 21008811.01

CHECKED BY W.W.FITCH TMS NO. 1692

F.A.P. NO. TOD NO.

TS NO. 172K DRAWING TSP-2 OF 4 SHEET NO. OF

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
(K) ADDED VIDEO DETECTION CAMERA	2/07/2008
BRD NML	
(J) INSTALL VIDEO DETECTION	07/2001
L.M. J.M.	
(1) AS-BUILT	9/1/1999
BW996M82	
JES	

PLOTTED: 02-28-2008  
FILE: n:\31559-134\pdk\pdk-P002\_OakRidge.dgn